

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Work Order update only ☐

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OTHER :																									

Work Order ID 147595

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147595

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Item ID: D2056

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Bell Crank Assembly

Start Date: 5/12/2016 Start Qty: 10.00

10

Cust Item ID:

Required Date: 6/8/2016 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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160

Receive & Inspect for Damage & Mat'l Certs

0.00

160

Packaging

Memo

0.00

Packaging

10x 80/6-7-26

165

QC6- Inspect dimensions to drawing

0.00

165

QC

Memo

0.00

Quality Control

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JUL 26 2016

170

Identify as per dwg & Stock Location: 

0.00

170

Packaging

Memo

0.00

Packaging

LOCATION : GA

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10 R JUL 26 2016

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Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
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Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Work Order ID 147595

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147595

Page 4

Item ID: D2056 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Bell Crank Assembly
Start Date: 5/12/2016 Start Qty: 10.00 ***10*** Cust Item ID:
Required Date: 6/8/2016 Req'd Qty: 10.00 ***10*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
180	QC21- Final Inspection - Work Order Release	0.00					DAS 21 9-89		
180									
QC	Memo	0.00							
Quality Control									

DAS
21
9-89 JUL 27 2016

DQA: _____ Date: _____



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		OTHER :							

Picklist Print

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Page 1

Work Order ID: 147595

147595

Parent Item: D2056

D2056

Parent Item Name: Bell Crank Assembly

Start Date: 5/12/2016

Required Date: 6/8/2016

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP E02.04.04Added Rev.B2 NG

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M6061T6B1.250X01.25 0		Purchased	No			100	f	21.6810	0.2375	2.3333			

M6061T6B1 250X01 250

6061-T6 Bar 1.25 x 1.25

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44
9-89

16-087-03

Location

Loc Qty

Loc Code

MAT003

21.681

m126647

0.246

m128247

1.838

m132772

1.98

m133699

5.617

m134776

12

2.42

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Misidentified ☐	Past Due ☐																																																																

DART AEROSPACE LTD		Work Order:	147595
Description: Bell Crank		Part Number:	D2056
Inspection Dwg: D2056 Rev: B2		Page 1 of 1	

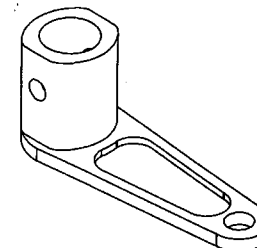
FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

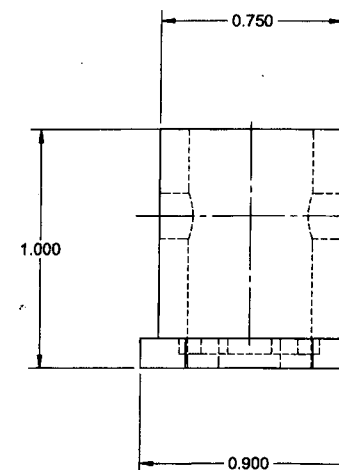
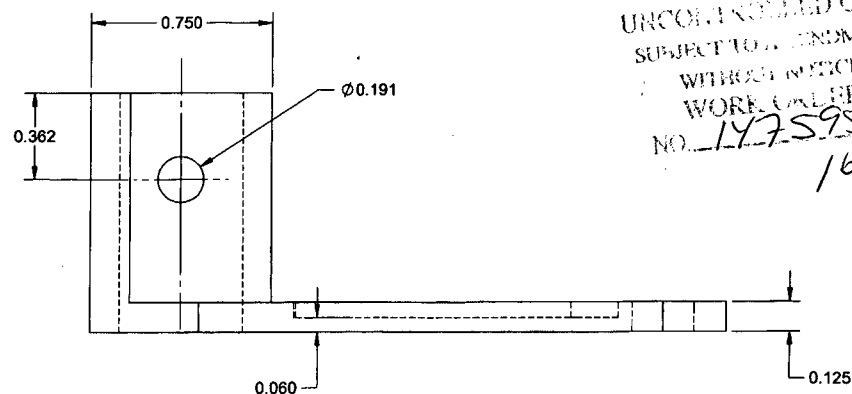
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
0.750	+/-0.010	0.754	✓		MIP-04	VERA
0.900	+/-0.010	0.904	✓			
1.000	+/-0.010	1.001	✓			
0.125	+/-0.010	0.121	✓			
0.060	+/-0.010	0.060	✓			
Ø0.191	+0.005/-0.001	0.192	✓			
0.362	+/-0.010	0.357	✓			
0.750	+/-0.010	0.751	✓			
0.385	+/-0.010	0.385	✓			
Ø0.257	+0.006/-0.001	0.258	✓			
0.100	+/-0.010	0.099	✓			
0.300	+/-0.010	0.300				
0.946	+/-0.010	0.946	✓			
0.075	+/-0.010	0.075	✓			
2.637	+/-0.010	2.637	✓			
0.375	+/-0.010	0.375	✓			
Ø0.513-0.518	0.513 - 0.518	0.517	✓			
R0.450	+/-0.010	0.450	✓			
R0.125	+/-0.010	0.125	✓			
R0.200	+/-0.010	0.200	✓			
R0.550	+/-0.010	0.550	✓			
R0.263	+/-0.010	0.263	✓			

Measured by:	DAS 33 / 9-09	Audited by:	DL	Prototype Approval:	N/A
Date:	16/07/06	Date:	16-7-7	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	08.04.11	New Issue	KJ/DD	
B	10.02.02	Dimensions revised	KJ	



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NO. 147595 M.C.S
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RELEASED
2013-02-12

△C

NOTES:

- NOTES:
- 1) MATERIAL: ALUMINUM, 6061-T6/T651/T6510/T6511/T62 PER QQ-A-200/8 OR QQ-A-225/8 OR ASTM B211 OR ASTM B221 REF DART SPEC M6061T68
 - 2) FINISH: BLACK ANODIZE PER MIL-A-8625F TYPE II, CLASS 2 (PREFERRED) OR CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT "BLACK SANDETX" (4.3.5.7) PER DART QSI 005 4.3 (OPTIONAL)
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: 0.04 lbs

C	UPDATE TO CURRENT STANDARDS: BLACK ANODIZE IS NOW THE PREFERRED FINISH, REF PAR12-228; ADD NOTE ON TOLERANCES; MODIFY HOLE SIZE: ADD POWDER COAT OPTION		SFM	12.12.21
B	RE-DESIGN		KH	95.11.02
REV.	DESCRIPTION		BY	DATE
DESIGN	BW	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	SFM			
CHECKED		DRAWING NO.	REV.	
MFG. APPR.		D2056	SHEET 1 OF	
APPROVED		TITLE	SCALE	
DE APPR.		BELL CRANK	NT	
DATE		12.12.21 COPYRIGHT © 1992 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33061**

Purchase Order Date 7/15/2016

PO Print Date 7/20/2016

Page Number 2 of 4

Order From :

VC-ATG001

Ship To : DART AEROSPACE LTD

A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE ROAD
ROCKLAND, ON K4K 1T2
CANADA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 613-446-4544

Ship To Contact

Ship To Phone

Ship Via: VENDOR'S TRUCK

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

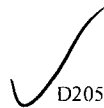
Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

4

147595



D2056 BELL CRANK
REV. C

7/26/2016

Yes

7/26/2016

BLACK ANODIZE AS PER MIL-A-8625F TYPE II, CLASS 2



10.00

\$12.50

\$125.00

Line Total: \$516.00

Sp/6-7-26

Line Total: \$125.00

5

71401-45

PROCUREMENT
QUALITY CLAUSES

7/26/2016

No

7/26/2016

1.00

\$0.00

\$0.00

Procurement Quality Clauses

A004 FAA-PMA /TSO

A005 RIGHT OF ENTRY

A016 PERSONNEL QUALIFICATION

A024 PROCESS CERTIFICATIONS

A025 CERTIFICATE OF CONFORMANCE

A041 QUALITY MANAGEMENT SYSTEM

A042 DART NOTIFICATION BY SUPPLIER

A043 RETENTION OF QUALITY DOCUMENTS

Line Total: \$0.00

Note:

7/20/2016



A.T.G. INDUSTRIES INC.
731 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 912014

Date: 26-Jul-16

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

CHANTAL LAVOIE
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
Quantity	Description		
	PLEASE REFERENCE THE PACK LIST NUMBER ON ALL CORRESPONDENCE TO THIS SHIPMENT. IF YOU HAVE ANY QUESTIONS, PLEASE CALL AT (613) 446-4544.		
12 ea	Part: 646.3011 RH Half Job: 19822	Rev: N/C PO: 33061	Line: 1
5 ea	Part: 646.3813 Stut Bracket Job: 19823	Rev: N/C PO: 33061	Line: 2
12 ea	Part: 647.0111 Panel Job: 19824	Rev: A PO: 33061	Line: 3
10 ea	Part: D2056 ✓ Bell Crank Job: 19825	Rev: C PO: 33061	Line: 4
1 ea	Part: ADMINISTRATION FEE ADMINISTRATION FEE Job: 19826	Rev: N/C PO: 33061	Line: 6
10 ea	Part: 646.3312 Job: 19827	Rev: N/C PO: 33061	Line: 7
9 ea	Part: 646.3310 Job: 19828	Rev: N/C PO: 33061	Line: 8
6 ea	Part: 647.1611 Job: 19829	Rev: N/C PO: 33061	Line: 9

SP16-7-26



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731 INDUSTRIELLE STREET
ROCKLAND, ON K4K 1T2
Canada

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Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms

Ship Via

Quantity

Description

DATE: 26/7/16

CERTIFIED SIGNATURE: [Signature]

RECEIVER SIGNATURE: 16-7-26

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A.T.G. INDUSTRIES INC. CERTIFIES THAT ALL ITEMS IN THIS SHIPMENT CONFORM TO REQUIREMENTS.

MADE IN CANADA.